

02-17-06  
IAP6 Rec'd PCT/PTO 15 FEB 2006

PCT

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 28944/50020
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/568718</b>
INTERNATIONAL APPLICATION NO. PCT/FR2004/02115 US	INTERNATIONAL FILING DATE 10 August 2004	PRIORITY DATE CLAIMED 18 August 2003
TITLE OF INVENTION Method for Modeling and Simulating a Biological System, and Model for Carrying out this Method		
APPLICANT(S) FOR DO/EO/US Magali Rouquie, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))		
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).		
a. <input type="checkbox"/> is attached hereto.		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input checked="" type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		
20. <input checked="" type="checkbox"/> Other items or information: Return receipt postcard		

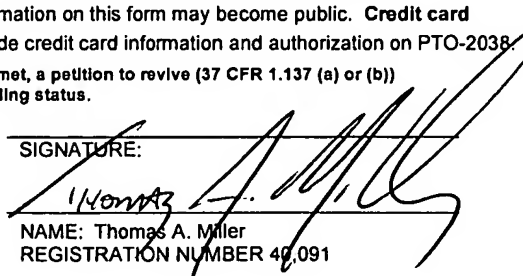
1AP20 Rec'd PCT 15 FEB 2006

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U.S. APPLICATION NO. (if known, see 37 CFR 1.55) <b>10/568718</b>		INTERNATIONAL APPLICATION NO. PCT/FR2004/02115 US		ATTORNEY'S DOCKET NUMBER 28944/50020	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)... \$0 All other situations .....\$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)...\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations..... \$500				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
37 - 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	11 - 20 =	0	x 50.00	\$	
Independent claims	3 - 3 =	0	x 200.00	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (i)).				+	\$
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
<b>TOTAL FEES ENCLOSED =</b>				\$ 900.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 900.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3629. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER: 57726 Thomas A. Miller Miller, Matthias &amp; Hull One North Franklin Suite 2350 Chicago, IL 60606</p> <p style="text-align: right;">SIGNATURE:  NAME: Thomas A. Miller REGISTRATION NUMBER 40,091</p>					

PATENT  
28944/50020IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

14P20 Rec ADJUTTO 15 FEB 2006

Applicant: Magali Rouquie, et al. ) "EXPRESS MAIL"  
 ) mailing label No.: EV 841156548  
 U.S. National Phase of ) US  
 International Application No. )  
 PCT/FR04/02115 ) Date of Deposit: February 15,  
 ) 2006  
 )  
 International Filing Date: ) I hereby certify that this  
 ) paper (or fee) is being  
 10 August 2004 ) deposited with the United  
 ) States Postal Service "EXPRESS  
 Filed: Herewith ) MAIL POST OFFICE TO ADDRESSEE"  
 ) service under 37 CFR §1.10 on  
 ) the date indicated above and is  
 For: Method for Modeling and ) addressed to: Mail Stop PCT,  
 Simulating a Biological ) Commissioner for Patents, P.O.  
 System, and Model for ) Box 1450, Alexandria, VA 22313-  
 Carrying out this Method ) 1450  
 )  
 Group Art Unit: Not Yet Assigned )  
 Examiner: Not Yet Assigned ) Gina Knauer  
 Gina Knauer  
 Attorney Docket No. 28944/50020

## CERTIFICATION UNDER 37 CFR 1.10

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

I hereby certify the attached items are being  
 deposited with the United States Postal Service on February  
 15, 2006 in an envelope addressed to Mail Stop PCT,  
 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-  
 1450 utilizing the "Express Mail Post Office to Addressee"  
 service of the United States Postal Service under Mailing  
 No. EV 841156548 US.

- a. Transmittal letter to the United States  
 Designated/Elected Office (DO/EO/US)  
 concerning a filing under 35 U.S.C. 371;
- b. International Application No. PCT/FR04/02115;
- c. Application Data Sheet; and
- d. Check in the amount of \$900.00

Gina Knauer  
 Gina Knauer